Saket Raj

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Bengaluru, Karnataka, India-560093

EDUCATION

- **B.N.M Institute of Technology** *2021 - Present*
  Bachelor of Engineering(B.E.), Electronics and Communication Engineering : 8.25 GPA Bengaluru, India

- **Kendriya Vidyalaya No.2, Delhi Cantt** *2020*
  Class XII : 79.8 New Delhi, India

- **Kendriya Vidyalaya No.2, Delhi Cantt** *2018*
  Class X : 83.2 New Delhi, India

EXPERIENCE

- **Senquire Analytics Pvt. Ltd.** *Sept 2023 - Nov 2023*
  System Analyst Bengaluru, India
  - Senquire x BNMIT presented me with an invaluable opportunity to delve into the realm of Camera Traffic Generator. My role focused on analysing memory usage with "htop" in Linux, aiming to optimise and boost system efficiency.

PROJECTS

- **Shoplifting Detection using ML** *Nov 2024 - Present*
  Tools: Python, YOLO, OpenCV, Git, Jupyter Notebook.
  - Working on a final year project to develop a shoplifting detection system. The project is halfway complete, with human detection implemented. Current focus is on enhancing accuracy, analyzing behavior for shoplifting patterns, and adding an automated alert system.

- **Camera Traffic Generator** *Nov 2023*
  Tools: Git, GitHub, Linux, React, OpenCV, JSON
  - EaglAI's UI development using React focuses on enhancing an AI-based product defect detection system for conveyor belts. It prioritizes traffic management through camera interfaces, streamlining the identification and resolution of defects in a conveyor belt system.

- **Face recognition using AlexNet** *May 2023*
  Tools: MATLAB, AlexNet, Deep Learning, Computer Vision
  - The project uses AlexNet, a deep convolutional neural network, to implement face recognition. By training on a dataset of facial images, AlexNet learns to identify and verify individuals accurately, showcasing its effectiveness in visual recognition tasks.

SKILLS

- **Programming Languages:** C, Java, Python, HTML5, CSS5, JavaScript
- **Database and Tools:** MySQL, Git, GitHub, Linux
- **Other Tools & Technologies:** Data Structures and Algorithms (DSA), Object Oriented Programming, DevOps, Canva , Figma

COURSES AND CERTIFICATIONS

- **Software Engineering (Infosys Springboard)** *Feb 2024*

- **Developing and Deploying Software in the Cloud (IBM SkillBuild)** *Dec 2024*

EXTRACURRICULAR ACTIVITIES

Committee Member in Cycle Street Event(2024) | Member of TedxBNMIT | Member of NSS